Third & part Bill

Package NO: 06. SBRM0: 16/03-05-18

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357834

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of Work :	Package NO: 06, [Consisting of 28 Works).					
	Est. Amount :	1425.00 lakhs.					
	Head of A/c :	13089, Special Development Works in 7 CMC & 1 TMC Areas in BBMP.					
	Government Approval NO :	Govt. order NO: 633 MNY 2017 Dt: 11.12.2017.					
	Name of Agency :	M/s. Ram and company Engineers & contractors					
	Work order No:	BBMP/EE/BTP/WO/48/2017-18, Dt: 4/01/2018.					
	PMC :	Tejas consv/Hants.					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
		ABSTRACT					
SL	Particulars	Unit	From	TO	Qty	Rate	Amount.
1)	Earth work excavation	m^3			2895.35	193.32	559729=00
2)	Removing & Refixing of stone slabs.	m^2			306.25 80.56	80.56	24669.5=00
3)	providing granite slabs	m^2			0.00	665.68	0.00
4)	Dismantling of existing structure ~~Earth work excavation~~ for Roads	m^3			160.11	472.70	75684.00
5)	~~Ref mix machine~~ PCC 1:3:6	m^3			312.70	4000.00	1250800.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

357835

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(6)	Reinforced cement concrete for Box drain	m^3	–	–	12.60 ~~12.62~~	11032.48	139009- 139230=00
(7)	TMT of steel.	tonne	–	–	~~0.76~~	73691.20	56005=00
(8)	providing cover slab 100 mm Thick	m^2	–	–	36.00	1817.00	65412=00
(9)	Scarifying existing BC	m^3	–	–	1425.00	42.48	60492=00
(10)	Scarifying existing BC	m^3	–	–	0.00	7.97 ~~0.00~~	0.00
(11)	Earth Excavation for Road work	m^3	–	–	2589.0	100.00	2589.0=00
(12)	construction of Embankment	m^3	–	–	1570.29	320.12	502631.00.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
13)	W mm	m^3	–	–	600.19	1000.00	600190=00
14)	Primer coat	m^2	–	–	3257.80	29.68	99660=00
15)	Cleaning the existing black Topped surface	m^2	–	–	47435.50	3.18	150845=00
16)	Tack coat	m^2	–	–	57296.18	12.72	728807.00
17)	DBM (50-75 mm)	m^3	–	–	0.00	7036.28	0.00
18)	BC (40mm)	m^3	–	–	2168.52	9600.00	20819823=00
19)	Cement concrete pavement	m^3	–	–	202.30	6217.96	1257893.90
20)	Vacuum de-watering	m^2	–	–	2017.25	70.00	141208.00
21)	PSC Kerb stones	NO	–	–	2313.00	331.78	1099187=00
22)	R/f R. of Kerb stones.	Rmt	–	–	414.00	65.72	27208.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

357836

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
25)	painting two coats	m^2	–	–	1491.00	63.60	94828.00
26)	Hot Applied thermoplastic paint	m^2	–	–	994.84	542.72	539920=00
27)	Earthwork Excavation foundation	m^3	–	–	0.00	204.12	0.00
26)	Extra for Additional Earthwork	m^3	–	–	0.00	218.16	0.00
27)	PCC 1:3:6	m^3	–	–	2.27	5449.68	12371.00
28)	Providing & Removing centring	m^2	–	–	0.00	395.28	0.00
29)	— " —	m^2	–	–	0.00	249.48	0.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(30)	Providing & Removing Centering	m^2	–	–	0.00	400.68	0.00
(31)	— " —	m^2	–	–	0.00	316.44	0.00
(32)	— " —	m^2	–	–	0.00	513.00	0.00
(33)	Providing & Removing Centering (excluding Leading)	m^2	–	–	0.00	518.40	0.00
(34)	— " —	m^2	–	–	0.00	338.04	0.00
(35)	Providing & Removing Centering and Shuttering	m^2	–	–	0.00	343.44	0.00
(36)	— " — For GF	m^2	–	–	0.00	276.48	0.00
(37)	— " — For FF	m^2	–	–	0.00	281.88	0.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

357837

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(38)	Providing & Removing centering, Shuttering GF + all lead and Lift	Sq.mt	—	—	0.00	291.60	0.00
(39)	FF + all Lead & Lift	Sq.mt	—	—	0.00	297.00	0.00
(40)	RCC of Design M_{25} For GF	m^3	—	—	0.00	6718.68	0.00
(41)	RCC of Design M_{25} For FF	m^3	—	—	0.00	6772.68	0.00
(42)	M_{25} for GF	m^3	—	—	0.00	6876.36	0.00
(43)	M_{25} for FF	m^3	—	—	0.00	6920.36	0.00
(44)	M_{20} for GF.	m^3	—	—	0.00	492.48	0.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
45)	M_{20} for FF	m^2	–	–	0.00	497.88	0.00
46)	TMT for GF	Ton	–	–	0.00	75081.60	0.00
47)	TMT for FF	Ton	–	–	0.00	75591.36	0.00
48)	Filling available 2x excavated Earth	m^3	–	–	0.00	137.16	0.00
49)	solid Concrete Blocks (size 400 x 200 x 200 mm)	m^2	–	–	0.00	1011.96	0.00
50)	size 400 x 150 x 200 mm	m^2	–	–	0.00	979.56	0.00
51)	20 mm Thick cement plaster For GF cm 1:6	m^2	–	–	0.00	224.64	0.00
52)	–11– for FF (Cm 1:6)	m^2	–	–	0.00	235.44	0.00
53)	12 mm Thick cement plaster 1:4 GF	m^2	–	–	0.00	178.20	0.00
54)	12 mm Thick cm 1:4 for FF	m^2	–	–	0.00	183.60	0.00
55)	12cm Thick cm 1:3 for GF	m^2	–	–	0.00	208.44	0.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357838

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(10)	Excavation of removal silt	m^3	–	–	3880.00	233.70	906756.00
(11)	Earth work Excavation of ordinary soil.	m^3	–	–	525.00	166.42	87371.00.00
(12)	Earth work Excavation for Foundation	m^3	–	–	5.83	200.84	1168.00
(13)	M_{10} (PCC)	m^3	–	–	12.11	5874.52	71140.00
(14)	MS Rectangular pole	m	–	–	27.50	868.14	23874.00
(15)	Chain link	m^2	–	–	42.00	698.54	29339.00
(16)	M.S. Black pipe of 38 mm ϕ	m	–	–	60.00	343.44	20606.00
(17)	Load Bearing wall	m^2	–	–	10.08	993.22	10012.00
(18)	18 mm Thick plaster	m^2	–	–	5.04	209.88	1058.00
(19)	M.S Angular Truss	Kgs	–	–	1654.90	124.02	205861.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
108)	Mangalore Tiles.	m^2	–	–	34.00	384.78	13083.00
109)	paints	m^2	–	–	45.10	59.36	2677.00
110)	PCC M15	m^3	–	–	34.00	10510.00	357340.00
111)	Fabricating	No.	–	–	36.00	11000.00	396000.00
112)	1.1 KV class UG Cable	m	–	–	1390.0	240.00	333600.00
113)	Heavy Duty cable	Each	–	–	0.00	86.00	0.00
114)	Copper Lugs	Each	–	–	0.00	7.65	0.00
115)	M.S. Bracket	Each	–	–	33.00	1919.00	63327.00
116)	High pressure sodium vapour light	Each	–	–	33.00	3764.00	124212.00
117)	Street light panel	Each	–	–	9.00	4500.00	40500.00
118)	Geophysical Investigation of site	Each BW	–	–	0.00	1882.00	0.00
						Total:	1423402=00

AE-9 30/4/2018

Assistant Executive Engineer
Electrical Division
Vidyaranyapura Sub Division
BBMP, Bangalore - 97
Ph: 23142368

M. A. R. 57 (Rule 116)
Measurement Book

No. B

357839

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(:. Rupees Three crore Fourteen Lakhs Twenty Three Thousand Nine hundred Two only.)						
	Certificate :- 1) The contractor has done the work satisfactorily.						
	2) The contractor has removed the debris from the work spot.						
	30/4/2018						
	30.4.2018						
	Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore-97						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3.14.23681-00 1445490- 2.99.78,191-00 Rs Two crores ninety nine Lakh seven eight thousand one hundred ninety one only 4/05 04/05					Total Rs. 14.16,12,888-00 Finds, Parts 110189 207-00 Finds Pack-A: 3.14,23,681- IT - 628474- CCS - 314237- CBS - 31424- LR - 471355- Adds - 14.45,490- Chgs 2.99.78,191-	